News Release

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For Immediate Release: March 13, 2006
DDC 04-06
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Field work continues on Dunn Field
Additional monitoring wells to be installed this week

MEMPHIS, TENN. — As part of the Memphis Depot's ongoing environmental cleanup program, eight groundwater monitoring wells will be installed in the Memphis Depot community. The wells will be used to collect data necessary to design and monitor the groundwater cleanup remedy for Dunn Field, as outlined in the Dunn Field Record of Decision.

Monitoring wells will be installed near the following areas between Mar. 14 and Mar. 28, 2006:

- 5 wells on the vacant property west of Rozelle Street (west of Dunn Field)
- 3 wells on Dunn Field

CH2M Hill will oversee the contractors who will drill boreholes and install the monitoring wells. The drilling equipment will consist of a large drill rig and a support truck.

CH2M Hill will conduct the additional sampling to obtain information about the groundwater conditions beneath the Depot community as part of the Zero-Valent Iron Permeable Reactive Barrier Implementation Study and as part of the Dunn Field Remedial Design Investigation.

CH2M Hill will use the data to complete the subsurface soils remedial design on Dunn Field and to begin the design of the permeable reactive barrier west of Dunn Field. The information will also be used to ensure that the remedies, both on and off the Depot, operate properly.

The subsurface soils remedy consists of soil vapor extraction. This technique uses air injected into the ground to cause the chemicals, called "volatile organic compounds," to become vapors that can be pulled out of the ground, collected and treated prior to the clean air being released from the containment system.

A permeable reactive barrier is an underground wall filled with iron particles that allows the affected groundwater beneath Dunn Field to pass through. As the water flows through the permeable reactive barrier, the iron particles naturally break down the volatile organic compounds in the groundwater. The chemicals become safe compounds that degrade over time.

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The Depot anticipates that this work will take approximately two weeks to complete. The team will make every effort to minimize noise and disturbance to the community.

The Dunn Field Record of Decision is available for public review in the Depot's Information Repositories located at the Cherokee Branch Library and the Memphis Depot Business Park.

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